Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for converting the bit rate of a compressed bitstream to use an available bandwidth of a channel, the method comprising:

re-quantizing a first portion of the bitstream that includes a B frame including video data using a first re-quantization scheme; and

re-quantizing a second portion of the bitstream that includes a P frame including video data or an I frame including video data using a second re-quantization scheme that is computationally more demanding than the first re-quantization scheme.

2. Cancelled.

3. (Currently Amended) The method of claim [[2]] 1 wherein the first re-quantization scheme includes basic re-quantization.

4. (Currently Amended) The method of claim [[2]] 1 wherein the second re-quantization scheme includes motion compensated re-quantization.

5. (Original) The method of claim 1 further including determining the available bandwidth of the channel.

6. (Original) The method of claim 1 wherein the second re-quantization scheme includes full decoding and re-encoding of the second portion.

7. (Original) The method of claim 6 further including changing the resolution of the second portion.

8. (Original) The method of claim 1 wherein the first and second portion each include a frame of the video data.

9-10. Cancelled.

11. (Currently Amended) The method of claim [[10]] 1 wherein the first portion includes a P frame and the P frame is the last P frame in a group of pictures.

12. (Original) The method of claim 1 wherein the first portion comprises color video data.

13. (Original) The method of claim 1 wherein the second portion comprises brightness video data.

14. (Original) The method of claim 1 wherein the first and second re-quantization schemes are performed in real time.

15. (Original) The method of claim 1 further including monitoring the processing load of a processor in a network device.

16-25. Withdrawn.

26. (Currently Amended) A system for converting the bit rate of a compressed bitstream to use an available bandwidth of a channel, the system comprising:

means for re-quantizing a first portion of the bitstream that includes a B frame including video data using a first re-quantization scheme; and

means for re-quantizing a second portion of the bitstream that includes a P frame including video data or an I frame including video data using a second re-quantization scheme that is computationally more demanding than the first re-quantization scheme.

27. (Previously Presented) The system of claim 26 wherein the means for re-quantizing the first portion is included in the means for re-quantizing the second portion.

28. (Original) The system of claim 26 wherein the means for re-quantizing the first portion includes means for performing basic re-quantization.

29. (Original) The system of claim 26 wherein the means for re-quantizing the second portion includes means for performing motion compensated re-quantization.

30. (Currently Amended) A computer readable medium including instructions for converting the bit rate of a compressed bitstream to use an available bandwidth of a channel, the instructions comprising:

instructions for -quantizing a first portion of the bitstream that includes a B frame including video data using a first re-quantization scheme; and

instructions for re-quantizing a second portion of the bitstream that includes a P frame including video data or an I frame including video data using a second re-quantization scheme that is computationally more demanding than the first re-quantization scheme.

31. (Currently Amended) An apparatus for converting the bit rate of a compressed bitstream, the apparatus comprising:

memory,

a processor coupled to memory, the processor configured to re-quantize a first portion of the bitstream that includes a B frame including video data using a first re-quantization scheme and re-quantize a second portion of the bitstream that includes a P frame including video data or an I frame including video data using a second re-quantization scheme that is computationally more demanding than the first re-quantization scheme.